

Application No. 09/898,319

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please amend claims 1, 2, 10 and 12-15.
Please cancel claim 7 without prejudice.
Please add new claim 16.
Claims 1-6 and 8-16 are pending.

1. (Currently Amended) In a communication system having a terminal a storage system for receiving encrypted content via an IEEE 1394 serial bus, the terminal ~~being coupled to a single storage system including storage media for storing content via an IEEE 1394 serial bus~~, a method for storing the encrypted content on the storage media, the method comprising:

receiving the encrypted content via the IEEE 1394 bus;
receiving a first negotiated key for decrypting the encrypted content;
encrypting ~~[[a]] the first negotiated key for decrypting the encrypted~~
content to form a second key;
combining the encrypted content with the second key to form a combined
encrypted content; ~~and~~
storing the combined encrypted content on the ~~single~~ storage media;
in response to a request for the stored encrypted content, decrypting the
encrypted content to obtain clear text content;
encrypting the clear text content with a negotiated transmission key; and
transmitting the encrypted content via the IEEE 1394 bus.

2. (Currently Amended) The method of claim 1, wherein said decrypting
step further comprising:

retrieving the combined encrypted content from the ~~single~~ storage media;
decrypting the second key to obtain the first negotiated key; and

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decrypting the encrypted content with the first negotiated key to recover clear text content.

3. (Previously Presented) The method of claim 1, further comprising:
further encrypting the second key prior to storage on the single media.

4. (Previously Presented) The method of claim 1, wherein the combined encrypted content includes a stream.

5. (Previously Presented) The method of claim 4, further comprising:
including a header in the combined encrypted content.

6. (Previously Presented) The method of claim 4 further comprising
receiving the second key and the encrypted data;
decrypting the second key to form the first key; and
decrypting the encrypted data with the first key to form clear text.

7. (Cancelled)

8. (Previously Presented) The method of claim 3, wherein the further encrypting uses a different algorithm than that used in encrypting the first key.

9. (Previously Presented) The method of claim 8, wherein an algorithm includes one or more of DES, XOR, M2, M6+, IDEA.

10. (Currently Amended) An apparatus for storing encrypted content on a single storage media, ~~the method~~ comprising:

an IEEE 1394 bus coupled to the terminal; an interface module for receiving encrypted content and a first negotiated key for decrypting the encrypted content over an IEEE 1394 bus, said interface module adapted to encrypt said first negotiated key to form a second key, and for combining the encrypted content with the second key to form a combined encrypted content;

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~~a terminal for receiving encrypted content transferred over the IEEE 1394 bus;~~
~~an interface module for encrypting a first key for decrypting the encrypted content to form a second key, and for combining the encrypted content with the second key to form a combined encrypted content; and~~
a single storage media device for receiving and storing the combined encrypted content.

11. (Previously Presented) The apparatus of claim 10, wherein the combined encrypted content includes a stream.

12. (Currently Amended) The apparatus of claim 11, wherein said interface module includes a combiner for combining a header is included in with the combined encrypted content stream.

13. (Currently Amended) The apparatus of claim 10, wherein the second key is further encrypted prior to storage on the single-media storage media device.

14. (Currently Amended) The method apparatus of claim 13, wherein the further encrypting uses a different algorithm than that used in encrypting the first key.

15. (Currently Amended) The method apparatus of claim 14, wherein an the algorithm used by said combiner includes one or more of DES, XOR, M2, M6+, IDEA.

16. (New) The apparatus of claim 10 further comprising:
a decryption module, coupled to said combiner and said storage media device, adapted to receive key information from said combiner and encrypted content and key from said storage media device and to generate clear text content; and
an encryption module, coupled to said decryption module, for encrypting said clear text content with a second negotiated key.